

Comparisons of Job Characteristics

Focus Occupation: **Medical and Health Services Managers (11-9111)**

Associated Occupation: **Epidemiologists (19-1041)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Medical and Health Services Managers (11-9111)

Associated Occupation: Epidemiologists (19-1041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	9.2	18.7	11.5	<<	Extensive education and/or training may be required
English Language	11.2	17.6	17.0	0	Current knowledge level may be sufficient
Biology	3.7	16.5	8.7	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	12.7	13.8	0	Current knowledge level may be sufficient
Sociology and Anthropology	4.1	11.6	10.9	0	Current knowledge level may be sufficient
Geography	3.9	8.8	2.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Medical and Health Services Managers (11-9111)

Associated Occupation: Epidemiologists (19-1041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Science	4.5	18.2	11.2	<<	Extensive development of skills in this area may be required
Reading Comprehension	10.7	16.7	14.2	<	A higher skill level may be required
Active Listening	11.0	14.6	14.0	0	Current skill level may be sufficient
Critical Thinking	10.8	14.6	13.4	0	Current skill level may be sufficient
Writing	9.2	14.3	12.5	<	A higher skill level may be required
Complex Problem Solving	9.1	13.9	10.8	<<	Extensive development of skills in this area may be required

Judgment and Decision Making	9.4	13.9	12.8	0	Current skill level may be sufficient
Monitoring	9.9	13.3	12.7	0	Current skill level may be sufficient
Active Learning	8.7	13.0	12.0	0	Current skill level may be sufficient
Coordination	9.1	11.8	12.5	0	Current skill level may be sufficient
Systems Analysis	6.5	11.8	10.0	<	A higher skill level may be required
Systems Evaluation	6.4	11.5	10.5	0	Current skill level may be sufficient
Mathematics	6.2	11.0	7.2	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	9.5	12.2	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Medical and Health Services Managers (11-9111)

Associated Occupation: Epidemiologists (19-1041)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Comprehension	12.5	16.4	15.0	0	Current ability level may be sufficient
Problem Sensitivity	11.1	16.2	14.7	<	Some improvement in abilities may be required
Written Comprehension	11.0	16.0	15.0	0	Current ability level may be sufficient
Oral Expression	12.4	15.7	14.9	0	Current ability level may be sufficient
Inductive Reasoning	10.2	15.2	12.3	<	Some improvement in abilities may be required
Written Expression	9.8	15.0	14.1	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.6	13.0	<	Some improvement in abilities may be required
Category Flexibility	9.0	12.2	11.0	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	11.8	10.2	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	11.5	9.3	<	Some improvement in abilities may be required
Number Facility	6.3	11.0	8.4	<<	Extensive improvement in abilities may be required
Memorization	5.6	8.4	6.7	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Medical and Health Services Managers (11-9111)

Associated Occupation: Epidemiologists (19-1041)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Conduct training for personnel	30
Convert information into instructional program	38
Develop plans for programs or projects	31
Develop policies, procedures, methods, or standards	21
Direct and coordinate activities of workers or staff	3
Establish and maintain relationships with health specialists or civic groups	92
Make presentations	13
Make presentations on health or medical issues	50
Oversee execution of organizational or program policies	49
Research health improvement issues	89
Use computers to enter, access or retrieve data	3
Use health or sanitation standards	62
Use research methodology procedures in health care	63
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 78

Focus Occupation: Medical and Health Services Managers (11-9111)
Associated Occupation: Epidemiologists (19-1041)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.